Review of: "Decoding the Correlation Coefficient: A Window into Association, Fit, and Prediction in Linear Bivariate Relationships"

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The article is supposed to be a novel one with a very captivating title and introduction. Novel in the sense that the author is challenging a firmly established methodology. However, what he has presented is for me more of speculation than the mathematical perspective that is expected of this kind of work.

I expected the author to build firm mathematical underpinnings to support his claim.

Apart from just talking about the correlation coefficient, I expected the author to also talk about other measures of establishing the adequacy of a classical regression model. Because we have other measures. There should be a sort of comparative empirical analysis of the new method with the older established ones.

Also, I would suggest the author to reconciles the use of standard error as an estimate of standard deviation used in classical regression model selection with his newly suggested standard deviation.